

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-57 (Cancelled)

58. (Currently amended) A phosphatidylserine (PS) composition of matter for use as a dietary supplement, nutraceutical food and/or drug additive comprising an edible oil base and from about 1 to about 45% 99% (w/w) PS, wherein said PS is in the powder form of its salt with a divalent ion, said PS being insoluble in said oil base and being dispersed in said oil base, that is dispersed in said edible oil base, and that is insoluble in said oil base, said composition exhibiting a stability of less than about 5% decomposition of the PS after a storage period of at least 6 months, wherein said PS in powder form of its salt with a divalent ion having been prepared enzymatically by reacting serine with non-solubilized lecithin in a substantially aqueous system in the presence of a phospholipase.

59. (Cancelled)

60. (Currently amended) The phosphatidylserine (PS) composition of matter of claim 58 59, wherein said PS is obtained from non-solubilized lecithin is dispersed in a substantially aqueous system.

61. (Cancelled)

62. (Previously presented) The composition of matter of claim 58, comprising as additional ingredients from about 1 to about 99% (w/w) phosphatidylcholine (PC), from

about 1 to about 99% (w/w) phosphatidylethanolamine (PE), from about 1 to about 99% (w/w) phosphatidylinositol (PI), from about 1 to about 99% (w/w) polyunsaturated fatty acids, and/or from about 1 to about 99% (w/w) sterol or sterol esters.

63. (Cancelled)

64. (Previously presented) The phosphatidylserine composition of matter of claim 58, wherein said salt is one of calcium PS salt and magnesium PS salt.

65. (Previously presented) The phosphatidylserine composition of matter of claim 58, wherein said edible oil base is an edible triglyceride base.

66. to 68. (Cancelled)

69. (Currently amended) The combination of a capsule and the phosphatidylserine composition of matter of claim 58 ~~or claim 59~~ contained in said capsule.

70. (Previously presented) A method of enhancing cognitive performance and learning ability in a subject, the method comprising administering to said subject an effective amount of the PS composition of matter of claim 58.

71. (Previously presented) A method of improving age-related memory loss in a subject, comprising administering to said subject an effective amount of the phosphatidylserine composition of matter of claim 58.

72. (Previously presented) The phosphatidylserine composition of matter of claim 65, wherein said triglyceride base is a medium-chain triglyceride oil.

73. (Previously presented) The combination of claim 69, wherein said capsule is a

soft gel capsule.

74. (Currently amended) The composition of matter of claim 62 further including as additional ingredients food article of claim 67, wherein said phosphatidylserine composition of matter further includes as additional ingredients from about 1 to about 99% (w/w) phosphatidylcholine (PC), from about 1 to about 99% (w/w) phosphatidylethanolamine (PE), from about 1 to about 99% (w/w) phosphatidylinositol (PI), from about 1 to about 99% (w/w) polyunsaturated fatty acids, and/or from about 1 to about 99% (w/w) sterol or sterol esters, and at least one additional active ingredient selected from the group consisting of lecithin, phospholipids, vitamins, anti-oxidants, minerals, sterol, sterols, nutritional carbohydrates, amino acids and poly-unsaturated fatty acids, the total amount of said additional ingredients being 1-99% (w/w).

75. (Previously presented) The pharmaceutical composition of matter of claim 74 68, wherein said phosphatidylserine composition of matter further including includes as additional ingredients from about 1 to about 99% (w/w) phosphatidylcholine (PC), from about 1 to about 99% (w/w) phosphatidylethanolamine (PE), from about 1 to about 99% (w/w) phosphatidylinositol (PI), from about 1 to about 99% (w/w) polyunsaturated fatty acids, and/or from about 1 to about 99% (w/w) sterol or sterol esters, and at least one additional biofunctional ingredient selected from the group consisting of lecithin, phospholipids, vitamins, anti-oxidants, minerals, sterol, sterols, nutritional carbohydrates, amino acids and poly-unsaturated fatty acids and/or at least one pharmaceutically acceptable additive, diluent, carrier or excipient, the total amount of said additional ingredients being 1-99% (w/w).

76. (Cancelled)